

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## FILING COMPLETION UNDER RULE 53(f)

( NOT PCT Applications)

For Design, Provisional, or Utility Applications

**PATENT  
APPLICATION**O 15 E  
SEP 15 1998  
JC56In re ~~PATENT APPLICATION~~ of  
Inventor(s): SUGIYAMA et al.Appln. No.: 09 | 098,730  
Series Code ↑ Serial No. ↑**COMPLETION Under  
Rule 53(f)****Attn: Application Division**Filed: June 18, 1998  
Title: MULTILAYERED AIR-FUEL RATIO SENSOR

Atty.Dkt.	PMS	254782	U39817-TS
M#			Client Ref
(Our Deposit Account No. 03-3975) (Our order No. 60388		C#	254782
		M#	

Date: September 15, 1998

Hon. Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

The following completes the filing under Rule 53(f) of the above-identified patent application:

1.  Notice to File Missing Parts       copy attached       not yet received
2.  Signed Declaration attached.       Original       Facsimile/Copy

(Always "X" box 2 if filling signed Declaration and

"X" box 2A only if top box of the Declaration is X'd and file application copy, or"X" box 2B only if none of the top three boxes of the Declaration is X'd.)

- 2A.  Attached: Original signed Declaration with attached specification (including claim(s)) which is a copy of specification and claim(s) originally filed to secure the above filing date.
- 2B.  The original application as filed in the PTO on the above filing date is the application which each inventor executed by signing the attached Rule 63 Declaration.
3.  Specification originally filed in non-English language; hence verified translation attached of:  
 a.  Abstract  
 b. #  pages of Specification(only spec. & claims)  
 c.  Drawing  
 Fig(s). \_\_\_\_\_

4.  Letter filing formal drawing attached.
5.  Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.
6. DOMESTIC/INTERNATIONAL priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date
(1)		(2)	
(3)		(4)	
(5)		(6)	

7. FOREIGN priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in JAPAN

- 8.
- | Applicati n No. | Filing Dat   | Applicati n No. | Filing Dat |
|-----------------|--------------|-----------------|------------|
| (1) 9-180735    | Jun 19, 1997 | (2)             |            |
| (3)             |              | (4)             |            |
| (5)             |              | (6)             |            |

## Completion Under Rule 53(b)

9. 1 (No.) Certified copy (copies):  attached;  previously filed (date) June 18, 1998  
in U.S. Application No. 09/098,730 filed on June 18, 1998
10.  Attached: \_\_\_\_\_ (No.) Verified Statement(s) establishing "small entity" status under Rules 9 & 27.
11.  Attached: Family Register before Marriage with Translation  
Family Register after Marriage with Translation  
Memorandum with Translation
12.  Preliminary Amendment:

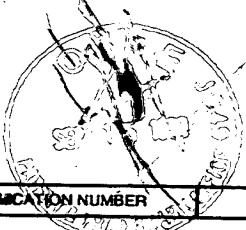
**THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED**

				Large/Small Entity		Fee Code
13. Basic Filing Fee .....				Design Application Not Design Application	\$330/\$165 \$790/\$395	+790
14. Total Effective Claims	5	minus 20 =	0	x \$22/\$11	+0	103/203
15. Independent Claims	1	minus 3 =	0	x \$82/\$41	+0	102/202
16. If <u>any</u> proper multiple dependent claim (ignore improper) is present, (Leave this line blank if this is a reissue application)				\$270/\$135	+0	104/204
17. Surcharge for filing Declaration/filing fee late				\$130/\$65	+130	105/205
18.				FILING FEE ENCLOSED =	\$920	
19. Original due date:	September 15, 1998					
20. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached				(1 mo) (2mos) (3mos) (4mos)	\$110/\$55 = \$400/\$200 = \$950/\$475 = \$1510/\$755 =	+0 +0 +0 +0
21. If "non-English" box 3 is X'd, add Rule 17(k) processing fee . . . . .					\$130	+0
22. If "assignment" box 5 is X'd, add recording fee. . . . .					\$40	+40
23. Petition Fee for					\$130	+
24.				TOTAL FEE ENCLOSED =	\$960	

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
1100 New York Avenue, N.W. By: Atty: Glenn J. Perry Reg. No. 28458  
Ninth Floor East Tower  
Washington, D.C. 20005-3918 Sig: 06/20/98 for  
T l: (202) 861-3000 Fax: (202) 822-0944  
Atty/Sec: GJP/jk Tel: (202) 861-3070

NOTE: File in duplicate with PTO or c ip (PAT-103A) and attachments



+ SECTOR

**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY/DOCKET NO./TITLE
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0222/0715

06/18/98

SILVIA YARKA

PM-1024782

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INTELLECTUAL PROPERTY GROUP  
1100 NEW YORK AVENUE NW  
NINTH FLOOR - EAST TOWER  
WASHINGTON DC 20005-3918

NOT ASSIGNED

1744

DATE MAILED:

07/15/98

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
*Filing Date Granted*

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of  \$65.00 for a small entity in compliance with 37 CFR 1.27, or  \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

*If all required items on this form are filed within the period set above, the total amount owed by applicant as a*  
 *small entity (statement filed)*  *non-small entity is \$* 130

1. The statutory basic filing fee is:

- missing.  
 insufficient.

Applicant must submit \$ 130 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

2. Additional claim fees of \$ \_\_\_\_\_, including any multiple dependent claim fees, are required.

\$ \_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.

\$ \_\_\_\_\_ for \_\_\_\_\_ dependent claims over 20.

\$ \_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

3. The oath or declaration:

- is missing or unexecuted.  
 does not cover the newly submitted items.  
 does not identify the application to which it applies.  
 does not include the city and state or foreign country of applicant's residence.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

7. Your filing receipt was mailed in error because your check was returned without payment.

8. The application does not comply with the Sequence Rules.

See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

09/22/1998 KHOPLTH 00000013 09098730

9. OTHER:

01-FC:105 Direct the reply and any questions about this notice to "Attention: Box Missing Parts."  
02 FC:101 130.00 UP

**A copy of this notice MUST be returned with the reply.**

U/K/BLA/BS  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE